

ABSTRACT

Disclosed herein are an inspection apparatus for circuit board and an inspection process for circuit board, by which an anisotropically conductive elastomer sheet is prevented from causing trouble prematurely, long service life is achieved, stable electrical connection is attained to all electrodes to be inspected, and inspection can be conducted with high reliability even when a circuit board has projected electrodes to be inspected arranged at a small pitch, and the projected height of the electrodes to be inspected varies, and a wiring board for connection used in the inspection apparatus for circuit board.

The inspection apparatus for circuit board of the invention is an inspection apparatus for circuit board for inspecting a circuit board having a plurality of electrodes to be inspected arranged in lattice, which comprises an adaptor having a wiring board for connection, on the front surface of which a plurality of connecting electrodes have been formed corresponding to the electrodes to be inspected, and an anisotropically conductive elastomer sheet arranged on the front surface of the wiring board for connection, and a pressing pin mechanism arranged on the back surface side of the wiring board for connection and having a great number of pressing pins, wherein the pressing pins are arranged in such a manner that at least one pressing pin is located within a rectangular region partitioned by linking central points of adjacent 4 connecting electrodes when the

pressing pin mechanism and the adaptor are seen through in a thickness-wise direction thereof.